

20030405.qrp v02_n881.qrl.20030405

Date: Sat, 5 Apr 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2881

QRP-L Digest 2881

Topics covered in this issue include:

- 1) [148567] FDIM Buildathon - Reminder
by "Kenneth Evans" <w4du@attbi.com>
- 2) [148568] QRP Net Directory
by Rob Matherly <w0jrm@arrl.net>
- 3) [148569] Alinco DJ-596
by "hivolts" <hivolts@usintouch.com>
- 4) [148570] smk-1
by "hivolts" <hivolts@usintouch.com>
- 5) [148571] Fw: Message from NOAA/SEC
by "W2WU" <w2wurjj@verizon.net>
- 6) [148572] smk1
by "hivolts" <hivolts@usintouch.com>
- 7) [148573] /QRP vs /Q
by "Max Moon" <maxmoon@umn.edu>
- 8) [148574] Rock Mite Question
by Jim Campbell <jim-c@charter.net>
- 9) [148575] 50 Amp shunts
by Pete Burbank <plburbank@earthlink.net>
- 10) [148576] FS: DSW20, DSW40
by mjfitz@uswest.net
- 11) [148577] Re: /QRP vs /Q
by "Thomas Kuehl" <ac7a@earthlink.net>
- 12) [148578] Re: /QRP vs /Q
by "Bob Tellefsen" <n6wg@earthlink.net>
- 13) [148579] Re: /QRP vs /Q
by "Charles Mabbott" <aa8vs@msn.com>
- 14) [148580] Re: Rock Mite Question
by Michael Bower <bowerm@ix.netcom.com>
- 15) [148581] Re: Rock Mite Question
by "Rod N0RC" <rod@n0rc.us>
- 16) [148582] Re: W6EL prop pgm...
by "E. Roswell" <eroswell@monmouth.com>
- 17) [148583] Re: /QRP vs /Q
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [148584] RE: 50 Amp shunts
by "AI2Q" <ai2q@adelphia.net>
- 19) [148585] Re: which power supply is the right one for me?

by "Merton Nellis" <mertnellis@msn.com>
20) [148586] RE: which power supply is the right one for me?
by "=?Windows-1252?B?XCivYLCuuLgufj5NaWt1PH4uuLgut7SvXCk=?=" <n9ivo@attbi.com>

Date: Sat, 5 Apr 2003 00:12:17 +0100
From: "Kenneth Evans" <w4du@attbi.com>
To: <GQRP@yahoogroups.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [148567] FDIM Buildathon - Reminder
Message-ID: <000d01c2faaff\$a37d5660\$6601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a reminder that the FDIM Buildathon is starting to fill. Full details on FDIM 2003 are at: <http://www.qrparci.org/fdim64.html>

Here is the original post on the Buildathon:

The Flying Pigs Amateur Radio Club International and the North Georgia QRP Club will again host a "Buildathon" at FDIM 2003. Last year these two clubs combined their resources to help 35 first time builders construct and calibrate a NOGA Watt Meter. Feedback on the Buildathon was extremely positive, with many requests for a repeat event. Hence, we will continue this amateur radio Elmering tradition again this year.

Last year's participants found many uses for the NOGA Watt Meter. This year's project is an equally useful device for the bench as well as the shack. Thanks to the great design effort by Diz, W8DIZ, and the resources of the Flying Pigs Research and Development Lab, this years Buildathon participants will leave the event with a fully functional frequency counter (FC). The FC will run off of a 9-volt battery for portable operation or a 12-volt bench supply. The specification are as follows:

0 to 45 MHz Freq Range with 10 Hz display resolution
Input is back-to-back diode protected
400mv at 10 MHz, 700mv at 20 MHz, 1 volt at 30 MHz all peak-to-peak
0 to 20.97 MHz display offset with 10 Hz adjustable resolution
jumpers for (+) or (-) freq offset and disable
20 ma current consumption using 9 volt battery (with backlight OFF)
60 ma current consumption using 12 volts (with backlight ON)
PCB size is 2.5" x 3.8" with 4-40 mounting holes at the four corners.

The Buildathon will be held on Thursday, May 15, 2003 from 5 PM EDT to approximately 8 PM EDT. Registration for the event is \$40.00. This will include all the parts for the FC, Elmering as needed, and pizza to make it an "eat as you build" event. To register, please send a check made out to:

Dieter Gentzow W8DIZ
197 Timber Trail
Loveland, OH 45140

There are a limited number of seats for this, so please register early.
First come, first served.

72/3,

Diz
W8DIZ
W8diz@fpqrp.com
Flying Pigs Amateur Radio Club

Ken
W4DU
w4du@arrl.net
North Georgia QRP Club

Date: 04 Apr 2003 17:48:40 -0600
From: Rob Matherly <w0jrm@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
fpqrp-1@fpqrp.com, qrp-i@yahoogroups.com
Subject: [148568] QRP Net Directory
Message-ID: <1049500125.2519.11.camel@localhost.localdomain>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Finally got around to starting that QRP Net Directory. You can visit it
at <http://www.qsl.net/w0jrm/qrpnets.html>.

If you have any comments, please let me know!

I'm also looking for more nets to add... please e-mail me any nets you
know of.

72/73/oo
Rob, w0jrm
<http://members.iowasocean.com/jimrob>

Date: Fri, 4 Apr 2003 15:57:00 -0800
From: "hivolts" <hivolts@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148569] Alinco DJ-596
Message-ID: <001701c2fb05\$e282b3e0\$24811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have for sale the above HT, it is in new condition and has the case and the larger spare battery. I have \$250. in to it and I would sell it for \$175.or trade for?... Thanks John...KF70M

Date: Fri, 4 Apr 2003 16:04:07 -0800
From: "hivolts" <hivolts@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148570] smk-1
Message-ID: <001f01c2fb06\$e1250330\$24811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an smk-1 kit with the double sided PC board kit. I forgot what I paid for it! any offers? thanks...John...KF70M

Date: Fri, 4 Apr 2003 18:51:34 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148571] Fw: Message from NOAA/SEC
Message-ID: <001601c2fb20\$28ede600\$9cfd998d@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <swo@sec.noaa.gov>

To: <w2wurjj@verizon.net>
Sent: 04 April, 2003 13:52
Subject: Service Message from NOAA/SEC

>
Service Message
>
> From NOAA Space Environment Center, Space Weather Office

>
> The Center issued the following service message at 21:49 04/04/03
>
> Beginning 1500 UT April 8, SEC will begin using data from the GOES 12
> satellite, and stop receiving GOES 8 data. GOES 12 has the new Solar
> X-Ray Imager (SXI), which will acquire real-time, operational images
> of the solar x-ray flux. With the switch from GOES 8 to GOES 12, the
> primary/secondary designations will change. GOES 12 will be the
> primary satellite for the SXI. All other data, including
> magnetometer, XRS x-ray measurements, and energetic particles, will
> have GOES 10 as their primary source, with GOES 12 as the secondary
> source where available. Please see <http://www.sec.noaa.gov/GOES.html>
> for important information on this changeover.
>
> For more information on this service message call the Space Weather
> Office at (303) 497 3171 (24 Hours) or email swo@sec.noaa.gov
>
> To modify your request for our products call the Space Environment Center
> at (303) 497 3205 (8am - 5pm Mountain Time) or email
candice.l.curtiss@noaa.gov

Date: Fri, 4 Apr 2003 16:07:59 -0800
From: "hivolts" <hivolts@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148572] smk1
Message-ID: <002701c2fb07\$6b864660\$24811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry, delete (kit) and insert (case)...KF70M

Date: Fri, 4 Apr 2003 18:46:21 -0600
From: "Max Moon" <maxmoon@umn.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [148573] /QRP vs /Q
Message-ID: <000f01c2fb0c\$cc28cb00\$9739fea9@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I was thinking (uhh-oh, I hear some of you say ;-)) and found myself wondering, Why do we sign off, for example, KOMAX/QRP when KOMAX/Q would be quicker & could be just as clear?

I understand how some conventions came into being, especially old ones like KOMAX/M (mobile) or KOMAX/P (portable) or KOMAX/MM (maritime mobile). Then there are the newer suffixes like KOMAX/PM (pedestrian mobile) or KOMAX/BM (yes, that's what I thought at first--but then I learned it meant "bicycle mobile"). Apparently, we have an amount of latitude under the regs in using suffixes--why don't we all start using /Q instead of the longer /QRP?

Using /Q would be quicker, easier, & once we did it for a while so everybody understood, it would be obvious to everybody. Besides, it has a certain elegance, eh? What do you folks think?

72s,
Max k0max

Date: Fri, 04 Apr 2003 20:05:34 -0500
From: Jim Campbell <jim-c@charter.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [148574] Rock Mite Question
Message-ID: <3E8E2BDE.10703@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I built a Rock Mite a few weeks ago. My antenna consists of my gutters and downspouts. Needless to say, the impedance the Rock Mite sees is nowhere near 50 ohms. I just today completed the assembly of an LDG Z11

antenna tuner. The Z11 works just fine for my HW-8, but in order for the Z11 to tune, I need to be able to key the Rock Mite continuously for at least 4 seconds. I tried slowing down the keyer rate as slow as possible, but it still didn't stay keyed long enough for the Z11 to tune.

Does anyone know of a way to key the Rock Mite continuously for something like 4 seconds?

Thanks es 72,

Jim
W4BQP

Date: Fri, 04 Apr 2003 20:33:43 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [148575] 50 Amp shunts
Message-ID: <5.2.0.9.0.20030404201532.00a45ea0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I realize that this thread is several days old but received a catalog from All Electronics a few days ago.

They offer a 50 Amp= 50 mV shunt for 12 rasbucknicks. This is Cat# 203 on page 43. Also on that page are several meters that would work well with the shunt. I don't need one as there are several in Ye Olde Junque box but looks like a bargain.

Usual disclaimer but had happy dealings with them in the past.

73 to all

Pete NV4V Ky

PS don't forget to turn all those clocks ahead!!!!!! @/#\$^&#/@ AARRGGHH

Date: Fri, 04 Apr 2003 20:48:28 -0600
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [148576] FS: DSW20, DSW40
Message-ID: <3E8E43FC.849D9E21@uswest.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gentlemen,

I have for sale two original-board DSW rigs...one for 40M and one for 20M. They are identical and stock...no mods. Both are housed in very trail-friendly enclosures...small LMB desktop instrument boxes with sloping panels that leave no extra space inside...they are as small as possible at 5" x 3" x 2" (see Mouser Electronics 537-MDC532-01).

The controls are "tastefully" mounted on the sloping front panel and the jacks are on the rear, a BNC connector serving for the antenna connection, and standard 1/8" stereo jacks for the paddles and phones. The power connector is a standard coaxial type as used on the OHR, Wilderness Radio, and many other rigs. The power switch, a micro-mini toggle, is also mounted on the rear just underneath the BNC to protect it from accidental switching such as one might encounter while operating in a sleeping bag...on power-up the rigs auto-set themselves to 7.040 MHz and 14.060 MHz.

The sloping panel really makes it nice to operate the rigs in a "handy way" while sitting on the ground or in a sleeping bag...pushing the program button or frequency readout/tuning/tuning-step knob is easy since you are pushing down on the controls... the tendency for the light (weight) radio to scoot around when doing this is totally eliminated. The strong .050" LMB boxes are raw with no paint and no noticeable blemishes...they look new. The rigs have simple black lettering on silver-background labels made with a label-maker...easily removed and modified to your own personal tastes if desired.

Both function 100% and come with power cords and full original documents. They have not seen much use here and it is a shame to have these two bad boys just sittin' on the shelf and looking pretty...ah...I mean tough...somebody should have some fun with them. \$100 each, CONUS shipping included, or both for \$185 CONUS. It is desirable, of course, to sell them as a pair, so that offer, if received, will be favored...after all, they have never been apart...

Mike NOMF
Missouri Valley IA

Date: Fri, 4 Apr 2003 23:31:04 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <maxmoon@umn.edu>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148577] Re: /QRP vs /Q
Message-ID: <001301c2fb3c\$ef48cb50\$0a0110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Max,

It is my understanding that the FCC does not authorize us to sign /QRP, or /Q for that matter. If I am not mistaken, someone on the list once mentioned receiving an FCC pink ticket for signing with their call/QRP. Because of my understanding of the rules, I never sign as AC7A/QRP. I sign; de AC7A QRP, if I want it known I am running low power.

The newer "suffixes" you mention, such as PM and BM, are assigned to Indonesia and China, respectively. Using them with a slash might be interpreted as you are operating with your call, within that country. However, if you were permitted to operate with your home call in the those countries, the correct format is likely PM/call and BM/call. I think the only allowed US slash/suffixes are /M and /MM, and also a number associated with a US call region; AC7A/6. There may be one for aeronautical mobile as well.

My understanding is we can legally use an alphanumeric suffix starting with the number 1 (maybe the number 2 as well?), such as AC7A/1Q. You can self assign such suffixes. I have worked stations that have used similar suffixes to commemorate a special event.

I am stating this all from memory, so I may be totally off base. Someone can jump in and tell me I am full of baloney. It is late and I don't have the rules in front of me.

Regards, Thomas - AC7A/1QRP (Tucson)

----- Original Message -----

From: "Max Moon" <maxmoon@umn.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, April 04, 2003 5:46 PM
Subject: /QRP vs /Q

> Hello,
>
> I was thinking (uhh-oh, I hear some of you say ;-) and found myself
> wondering, Why do we sign off, for example, K0MAX/QRP when K0MAX/Q would
be
> quicker & could be just as clear?
>
> I understand how some conventions came into being, especially old ones
like
> K0MAX/M (mobile) or K0MAX/P (portable) or K0MAX/MM (maritime mobile). Then
> there are the newer suffixes like K0MAX/PM (pedestrian mobile) or K0MAX/BM
> (yes, that's what I thought at first--but then I learned it meant "bicycle
> mobile"). Apparently, we have an amount of latitude under the regs in
using
> suffixes--why don't we all start using /Q instead of the longer /QRP?
>
> Using /Q would be quicker, easier, & once we did it for a while so
everybody
> understood, it would be obvious to everybody. Besides, it has a certain
> elegance, eh? What do you folks think?
>
> 72s,
> Max k0max
>
>

Date: Fri, 4 Apr 2003 22:44:44 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [148578] Re: /QRP vs /Q
Message-ID: <MABBJOEABOILMKCJCLFCAEFPEEAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Interesting idea, Max.
However, I never sign /QRP these days.
I have a more "Take no prisoners, give
no quarter" approach, and don't let on
I'm QRP until after the conversation has been
going for a while.

A lot of stations would never know I was QRP
if I didn't tell them, so why upset them?
Or have them get a sudden call from the xyl? :-)
73, Bob N6WG

Date: Sat, 05 Apr 2003 05:39:47 -0500
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [148579] Re: /QRP vs /Q
Message-ID: <BAY4-F23GeFaatao8KK0001d3c8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Generally accepted Q sigs are three characters long. Now this is a stretch,
but /Q could be QRP or QRO and you really might not be able to tell. I do
not see sending QRP is that much of a problem. But that is only an opinion.

73 oo Chuck AA8VS

"Whoever said the pen is mightier than the
sword obviously never encountered automatic
weapons."

<http://68.43.100.7:81/aa8vs>

>From: "Max Moon" <maxmoon@umn.edu>
>Reply-To: maxmoon@umn.edu
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: /QRP vs /Q
>Date: Fri, 4 Apr 2003 18:46:21 -0600
>
>Hello,
>
>I was thinking (uhh-oh, I hear some of you say ;-) and found myself
>wondering, Why do we sign off, for example, KOMAX/QRP when KOMAX/Q would be
>quicker & could be just as clear?
>
>I understand how some conventions came into being, especially old ones like
>KOMAX/M (mobile) or KOMAX/P (portable) or KOMAX/MM (maritime mobile). Then
>there are the newer suffixes like KOMAX/PM (pedestrian mobile) or KOMAX/BM
>(yes, that's what I thought at first--but then I learned it meant "bicycle
>mobile"). Apparently, we have an amount of latitude under the regs in using

>suffixes--why don't we all start using /Q instead of the longer /QRP?
>
>Using /Q would be quicker, easier, & once we did it for a while so
>everybody
>understood, it would be obvious to everybody. Besides, it has a certain
>elegance, eh? What do you folks think?
>
>72s,
>Max k0max
>

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 05 Apr 2003 07:50:30 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148580] Re: Rock Mite Question
Message-ID: <opr5pygnxoqmt9y@smtpauth.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-15; format=flowed

Isn't there a SK option on the keyer? Switch to that you can do what you need to do.

On Fri, 04 Apr 2003 20:05:34 -0500, Jim Campbell <jim-c@charter.net> wrote:

> I built a Rock Mite a few weeks ago. My antenna consists of my gutters
> and downspouts. Needless to say, the impedance the Rock Mite sees is
> nowhere near 50 ohms. I just today completed the assembly of an LDG Z11
> antenna tuner. The Z11 works just fine for my HW-8, but in order for the
> Z11 to tune, I need to be able to key the Rock Mite continuously for at
> least 4 seconds. I tried slowing down the keyer rate as slow as
> possible, but it still didn't stay keyed long enough for the Z11 to tune.
>
> Does anyone know of a way to key the Rock Mite continuously for something
> like 4 seconds?
>
> Thanks es 72,
>
> Jim
> W4BQP
>

>
>

Date: Sat, 5 Apr 2003 06:12:22 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <jim-c@charter.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148581] Re: Rock Mite Question
Message-ID: <007301c2fb74\$ff41ddc0\$6601a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Jim,

>From the Rock-Mite instructions: "If either the Dot or Dash input is
grounded upon power-up, the keyer function is bypassed and the input
accepts a straight-key ok external keyer."

73, Rod N0RC

----- Original Message -----
From: "Jim Campbell" <jim-c@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, April 04, 2003 6:05 PM
Subject: Rock Mite Question

...
> Does anyone know of a way to key the Rock Mite continuously for
> something like 4 seconds?
>

Date: Sat, 05 Apr 2003 08:35:37 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU

Subject: [148582] Re: W6EL prop pgm...
Message-ID: <3E8EDBA9.56604AB8@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

This is from the Help screen (underline mine):

Availability

The letters A, B, C, and D following the predicted signal levels are included to indicate the predicted availability of the strongest ionospheric mode. Availability is the probability that the frequency at the top of the column will be less than the mode MUF; availability can be thought of as the probability that the mode will indeed exist. Note that availability depends on frequency and MUF, but is independent of signal level. The availability letters have the following meanings:

Percent Availability

A 75 to 100
B 50 to 75
C 25 to 50
D 1 to 25

The display of signal levels is normally suppressed (not shown) when the predicted availability is zero. This suppression can be canceled if you wish; choose Options in the Main Menu. If you cancel the suppression, the absence of a letter following a displayed signal level will indicate zero predicted availability.

Copyright 2001-2002 Sheldon C. Shallon, W6EL

Date: Sat, 5 Apr 2003 06:55:58 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Max Moon <maxmoon@umn.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148583] Re: /QRP vs /Q
Message-ID: <Pine.LNX.4.44.0304050652300.1445-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think you have something Max. I have not used /qrp except when chasing DX. If we can make /Q mean /QRP then /QM or /MQ will mean QRP Mobile. We are talking about CW only so I think if the group on QRP/L agrees that is a large part of the CW operators.

On Fri, 4 Apr 2003, Max Moon wrote:

> Hello,
>
> I was thinking (uhh-oh, I hear some of you say ;-) and found myself
> wondering, Why do we sign off, for example, K0MAX/QRP when K0MAX/Q would be
> quicker & could be just as clear?
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> I understand how some conventions came into being, especially old ones like
> K0MAX/M (mobile) or K0MAX/P (portable) or K0MAX/MM (maritime mobile). Then
> there are the newer suffixes like K0MAX/PM (pedestrian mobile) or K0MAX/BM
> (yes, that's what I thought at first--but then I learned it meant "bicycle
> mobile"). Apparently, we have an amount of latitude under the regs in using
> suffixes--why don't we all start using /Q instead of the longer /QRP?
>
> Using /Q would be quicker, easier, & once we did it for a while so everybody
> understood, it would be obvious to everybody. Besides, it has a certain
> elegance, eh? What do you folks think?
>
> 72s,
> Max k0max
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 5 Apr 2003 09:11:25 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: <plburbank@earthlink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [148584] RE: 50 Amp shunts
Message-ID: <000201c2fb7d\$3f17bfc0\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No way Pete. As soon as you place a meter with unknown internal resistance across the shunt, you're sunk. You'll have no idea of how much current is flowing through the movement, and how much is being shunted around it. Your

readings will not be accurate.

I'll reiterate that the way to measure is to simply use a low value resistor of totally UNCRITICAL value, then do the simple two minute's worth of Ohm's Law calcs, and calibrate your "voltmeter" (as I described last week). Then you'll have a highly accurate ammeter and won't have to contend with errors due to connection resistance as well.

Yes, you'll have to put a new scale on the meter, or a small placard just below it to remind you of its full-scale ammeter reading. So, as an example, if I happened to use a 100 uA movement, and it's meant to read 50 Amperes FS, I know that whatever numeric reading I see on the scale will be divided by two (i.e. 50 shows 25 A).

Of course, you can carefully disassemble the meter movement (if it's not a sealed meter), paint the scale nicely, insert your callsign while you're at it, and wind up with a first-rate job!

GL Pete, and have fun.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Pete Burbank

Sent: Friday, April 04, 2003 8:34 PM

To: Low Power Amateur Radio Discussion

Subject: 50 Amp shunts

I realize that this thread is several days old but received a catalog from All Electronics a few days ago.

They offer a 50 Amp= 50 mV shunt for 12 rasbucknicks. This is Cat# 203 on page 43. Also on that page are several meters that would work well with the shunt.

I don't need one as there are several in Ye Olde Junque box but looks like a bargain.

Usual disclaimer but had happy dealings with them in the past.

73 to all

Pete NV4V Ky

PS don't forget to turn all those clocks ahead!!!!!! @/.\$^&/#@ AARRGGHH

Date: Sat, 05 Apr 2003 08:23:23 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [148585] Re: which power supply is the right one for me?
Message-ID: <BAY4-F41o2WBi5p3R350001dc42@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Lloyd,
I really like the small switcher that I bought from Jameco. MW, Mean Well brand. I have the single output 40W (12Vdc @3.5A). It has a minimum enclosure with screw terminal strip, LED pilot lamp, and is adjustable +/- 10%. I have used them for several years now for both bench and portable use. I add a line cord, and switch. No noticeable Noise in receiver. UL, CSA etc. A 25W or a 40W makes a nice qrp supply at \$40 to \$45.
w0ufo@arrl.net

from: Lloyd Lachow <llachow@yahoo.com>
>Reply-To: llachow@yahoo.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: which power supply is the right one for me?
>Date: Fri, 4 Apr 2003 12:10:13 -0800 (PST)

>
> I need a power supply, but which one? Specs:
>minimum money for a reliable, quiet bench supply for
>my multiPIG+ and other QRP rigs, for, I guess, about
>9-15V, not too many amps...? What am I looking for,
>and where should I look?

>
> TIA,
>
> Lloyd/K3ESE
>

>=====

>73, 72 es oo, Lloyd, K3ESE
> K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr
> ARRL - ARS #1301 - FISTS #8774 - WATPK #8
> FPqrp #476 - BORG #2 - QRParci #11147
> QRP-L #2415 - SOC #530
> Fun = Skill / Power
> "You can't spell Lloyd without lol!"

>
>-----
>

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<http://join.msn.com/?page=features/featuredemail>

Date: Sat, 5 Apr 2003 09:50:15 -0600
From: "=?Windows-1252?B?XCivYLcuuLgufj5NaWt1PH4uuLgut7SvXCk=?="<n9ivo@attbi.com>
To: <qrp-l@lehigh.edu>
Subject: [148586] RE: which power supply is the right one for me?
Message-ID: <001d01c2fb8b\$0d285c50\$0100a8c0@cb528392a>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It looks like you're only wanting to power your qrp rigs,
so a 5 amp supply is more than enough to power the one
amp draw of a 5w rig on transmit.

Larger Astron supplies are a good value, although the
small Astron supplies are very over-priced

The Pyramid PS-7KX is 5 amps and goes
for \$35 on various sites around the internet.
For a 5 amp supply, that'd be my pick.
Comparable Astrons are \$60!!!!!!

You didn't indicate this in your post, but if you're looking for
a supply that can also power your qro gear and such, then
a larger Astron would be my pick

Good luck. Mike

e-mail: n9ivo@attbi.com
web: http://home.attbi.com/~n9ivo

End of QRP-L Digest 2881

